

PATENT Customer No. 22,852 Attorney Docket No. 5273.90

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
Koichiro YAMADA et al.	) Group Art Unit: Not yet assigned
Application No.: 10/647,234	) Examiner: Not yet assigned
Filed: August 26, 2003	)
For: PYRIDOPYRIMIDINE OR NAPHTHYRIDINE DERIVATIVE	) ) )

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22318-1450

Sir:

### **INFORMATION DISCLOSURE STATEMENT**

Enclosed for the consideration of the Examiner in connection with the prosecution of this case is a copy of each of the 24 references set forth on the attached Form PTO-1449. Please refer to the abstract in English attached to the Japanese patent publications, the Yurugi article and WO 00/76980, for the relevance of these references.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material for patentability, or that no other material information exists. This filing shall not be construed as an admission against interest in any matter.

Applicant respectfully requests consideration of the items listed and requests the Examiner to return a copy of the attached Form PTO-1449 after being marked as being considered by the Examiner.

If there is any fee due in connection with the filing of this statement, please charge such fee to our deposit account 06-0916.

By:

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,

GARRETT & DUNNER, L.L.P.

Dated: December 4, 2003

Arthur S. Garrett Reg. No. 20,338

628126\_1.DOC

# OMB No. 0651-0011

# **INFORMATION DISCLOSURE CITATION**

	INFORMATIO	ECHATION	OIPE	
Atty. Docket No.	5273-90	Serial No.	10/647,234	Oro CATA
Applicant	Koichiro YAMADA et al.			2003 E
Filing Date	August 26, 20003	Group:	Not yet assigned	ENT at SE
<del>-</del>			<del>_</del>	MADEMA

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriat
	5,716,993	10 Feb 1998	Ozaki et al.	514	619	
	5,525,604	11 June 1996	Lee et al.	514	256	
	4,959,368	25 Sep 1990	Awaya et al.	514	252	
	4,704,459	3 Nov 1987	Todo et al.	546	123	
	4,464,457	7 Aug 1984	Bosse et al.	430	288	
	3,670,077	13 June 1972	Freeman et al.	424	200	
	3,560,624	2 Feb 1971	Rogers et al.	424	310	
						<u>, , , , , , , , , , , , , , , , , , , </u>

FOREIGN PATENT DOCUMENTS						
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or N
	JP 2000-26294	25 Jan 2000	Japan			Abstract
	JP 2000-72751	7 March 2000	Japan			Abstract
	JP 54-081299	28 June 1979	Japan			Abstract
	JP 50-95273	29 July 1975	Japan			Abstract
	WO 00/76980 A1	21 Dec 2000	WIPO			
	WO 98/23597	4 June 1998	WIPO			
	WO 96/22991	1 Aug 1996	WIPO			
	WO 94/28902	22 Dec 1994	WIPO			
	EP 0 995 750 A1	26 April 2000	Europe			
	EP 0 668 280 A1	23 Aug 1995	Europe			,
	EP 0 459 819 B1	4 Dec 1991	Europe			

# **INFORMATION DISCLOSURE CITATION**

				(2)
Atty. Docket No.	5273-90	Serial No.	10/647,234	DEC 0 4 2003 D
Applicant	Koichiro YAMADA et al.			ELL SE
Filing Date	August 26, 20003	Group:	Not yet assigned	RADEMARI

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Chan, R., et al., "The Chemistry of an Electron-Deficient 5-Deazaflavin,8-Cyano-10-methyl-5-dezaisoalloxazine," Journal of the American Chemical Society, Vol. 99, No. 20, pp. 6721-6730 (1977).
	Hirai, K., et al., "Heterocyclic Cation Systems," J. Org. Chem., Vol. 45, pp. 253-260 (1980).
	Kim, D., et al., "Synthesis of New Pyrrolidine C-Nucleosides via Staudeinger-aza-Wittig Cyclization of y-Azido Ketone," Tetrahedron Letters, 40, pp. 4825-4828 (1999).
	Mertes, M., et al., "Aproaches to the Synthesis of 1-Deazauridine and 2'-Deoxy-1-deazauridine," J. Med. Chem., Vol. 10, pp. 320-325 (1967).
	van Aardt, T., et al., "Direct Synthesis of Pterocarpans via Aldol Condensation of Phenylacetates with Benzaldehydes," Tetrahedron 55, pp. 11773-11786 (1999).
	Yurugi, S., et al., "Studies on the Syntheses of N-Heterocyclic Compounds," Ann. Rept. Takeda Res. Lab., Vol. 28, pp. 1-11 (1969).
L—	

Examiner		Date Considered
*Examiner:		er or not citation is in conformance with MPEP 609; draw line e and not considered. Include copy of this form with next
Form PTO-14	Pater	nt and Trademark Office - U.S. Department of Commerce

628141\_1